INTERNATIONAL SEARCH REPORT

Intertional Application No PCT/JP2004/014142

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B81B3/00 G02B26/08 B81C1/00					
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) IPC 7 G02B B81B B81C					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base	se and, where practical, search terms used)				
EPO-Internal, WPI Data, PAJ					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category ° Citation of document, with indication, where appropriate, of the rela	evant passages Relevant to daim No.				
X EP 1 203 748 A (MITSUBISHI DENKI	KABUSHIKI 23,24				
KAISHA) 8 May 2002 (2002-05-08) A paragraphs '0029! - '0031! figures 1,2,4	1,25				
Further documents are listed in the continuation of box C.	X Palent family members are listed in annex.				
	X Falent failing methods are instead in aimex.				
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document the published prior to the international filing date but "P" document the published prior to the international filing date but 					
Date of the actual completion of the international search "&" document member of the same patent family Date of mailing of the international search report					
3 February 2005	11/02/2005				
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk	Authorized officer				
Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Foussier, P				

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Information on patent family members

Intermonal Application No
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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 1203748 A	08-05-2002	WO EP US	0153194 A1 1203748 A1 6528724 B1	26-07-2001 08-05-2002 04-03-2003